

ITEA-labeled project
AGILE - Agile development of embedded systems
22 partners, 8 countries, 178 person years
1.4.2004 – 31.12.2006
<http://www.agile-itea.org>

AGILE Project

Agile

Introduction &
Highlights from 2004



ITEA
INFORMATION TECHNOLOGY
AND ELECTRONICS ASSOCIATION



Agile

CONTENTS



- Background
- Project goals
- Partners
- Industry sectors
- Highlights from 2004
- Contact information

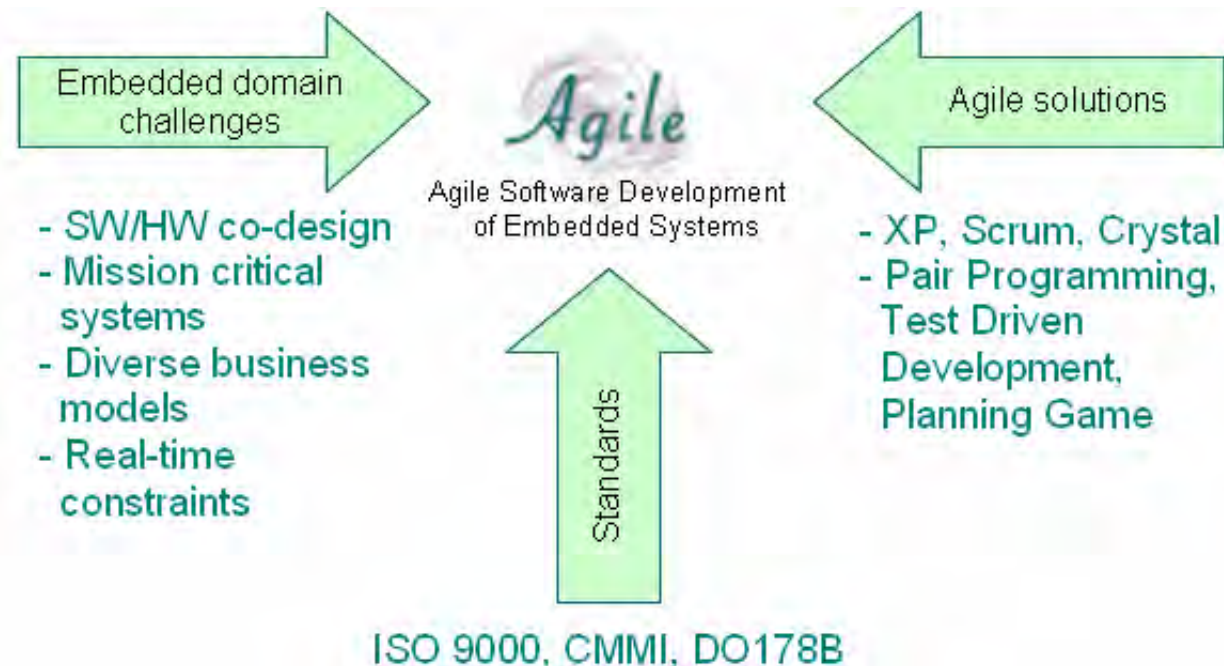
Background

- Agile software development approaches have proven their effectiveness in small-scale application level software development
 - 10-300% increase in productivity, a 250% increase in value delivered to the customer
 - Other empirically supported benefits include improved implementation & estimation skills, faster product integration, fewer schedule deviations and lower defect density

Agile

Project Goal

- Develop Agile software development solutions to increase the reliability, productivity and reduce risk of embedded software development



Expected results

- Agile software development framework for embedded systems domain.
- A general methodology of how to apply Agile programming for embedded systems, compliant to CMMI, SPICE, ISO
- Deployment model to enable the use of the agile software development framework
- Industrial experience reports including qualitative and quantitative data, concrete, empirical results and lessons-learned

Agile

Partners

Application partners

Technology partners

Belgium



KATHOLIEKE UNIVERSITEIT
LEUVEN

Bulgaria



Finland



NOKIA
CONNECTING PEOPLE



VTT Project manager

France



Italy



Netherlands



Slovenia



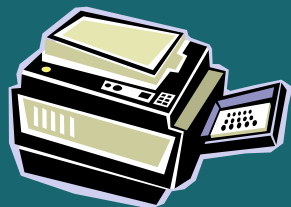
KAPION

Spain



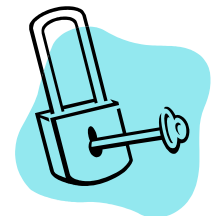
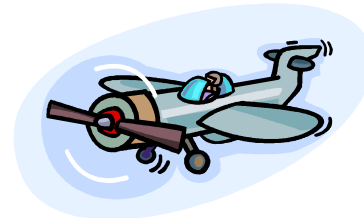
Agile

Industry sectors present



Partner distribution per Application Sector

Automobile	DaimlerChrysler, P4Q, Maser, FICOSA
Security	F-Secure
Automation	Fagor Automation
Avionics	Barco
Mobile/Telecommunications	Nokia, Hantro
Consumer electronics	Philips
Professional reproduction	Océ
Software services	Alitec, SQS, TCP, Hood, It-wps, Kapion, Medius, Vicore, E2S, Nemetschek, Engisud, CoheSys



Agile

Highlights from 2004

- Developed Agile assessment framework, Agile development patterns among others
- Successful agile trials
 - Nokia, Barco, Hantro, F-Secure, Philips, Fagor and VTT
 - Increased understanding about suitable agile practices & solutions
- Contributing to an international upcoming IEEE 1648 standard
- 15 scientific publications



Contact information

For more information, contact

- Project manager
Pekka Abrahamsson, pekka.abrahamsson@vtt.fi
VTT, Finland
- Deputy manager
Ko Dooms, ko.dooms@philips.com
Philips, The Netherlands
- <http://www.agile-itea.org>